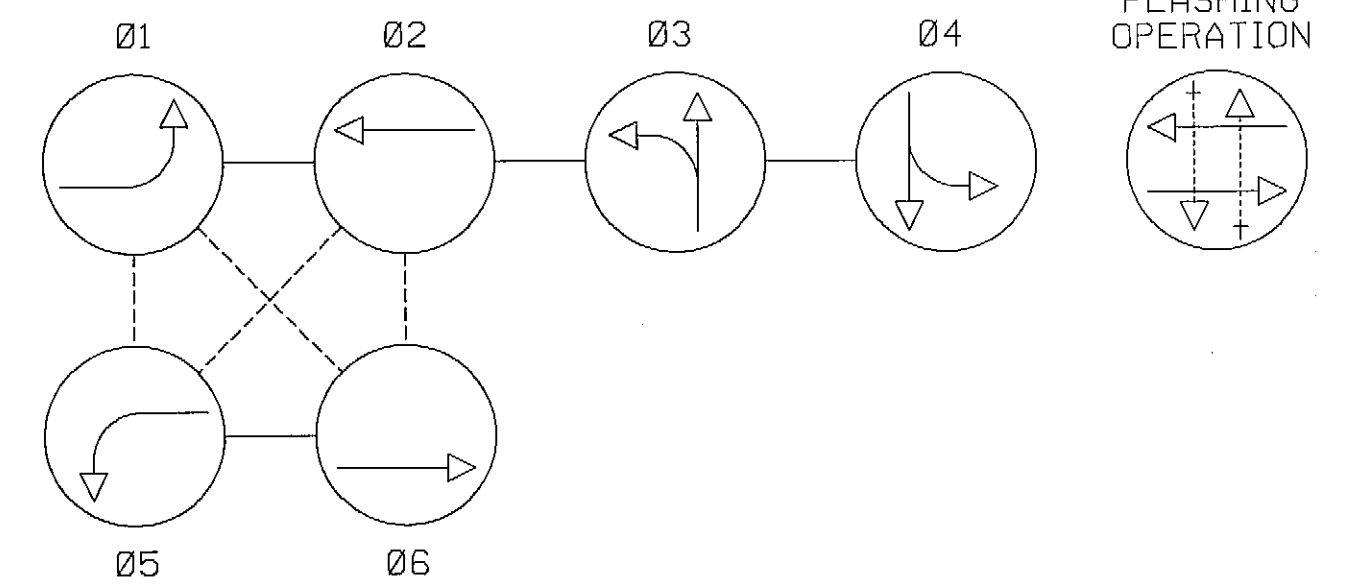
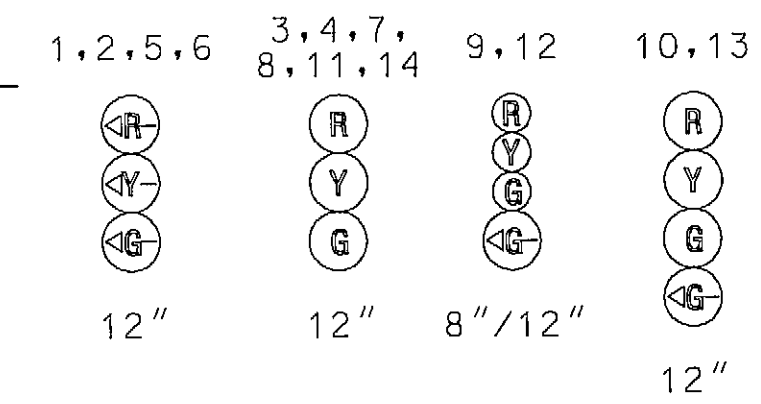


NEMA PHASING

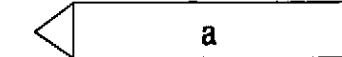


NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

EXISTING SIGNALS



VIDEO ZONE DETECTION



SPECIAL NOTE:

INSTALL HANDHOLE WITH LONG DIMENSION PERPENDICULAR TO TRAVEL WAY FOR INSTALLATION OF NON-INVASIVE PROBES. EXTEND CONDUIT A MINIMUM OF 2 IN. AND MAXIMUM OF 3 IN. INTO HANDHOLE.

MD 75 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

SHA RIGHT-OF-WAY

MD 144 (Old National Pike)

SHA RIGHT-OF-WAY

EXISTING HANDHOLE LOCATED
BETWEEN BREAKSEE SPECIAL
NOTE

MD 75 (GREEN VALLEY ROAD)

MD 75 (GREEN VALLEY ROAD)

SHA RIGHT-OF-WAY

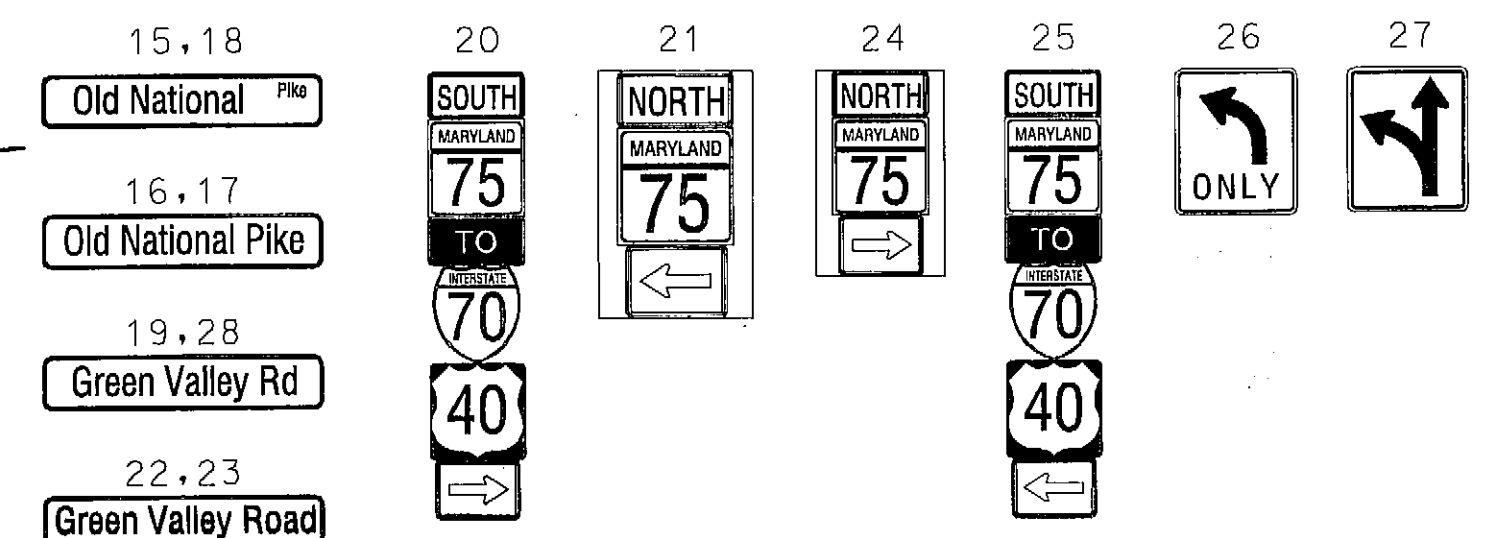
CONSTRUCTION DETAILS

- USE EXISTING POLE MOUNTED CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT AND INSTALL TELEMETRY INTERFACE PANEL FOR INTERCONNECT).
- USE EXISTING CONDUIT.
- USE EXISTING HANDHOLE.
- ABANDON EXISTING LOOP DETECTOR. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
- USE EXISTING MAST ARM AND INSTALL OVERHEAD VIDEO DETECTION CAMERA MOUNTED ON MAST ARM AS SHOWN.
- REMOVE EXISTING HANDHOLE AND RE-INSTALL IN-KIND ROTATING HANDHOLE 90 DEGREES TO ROADWAY ON TOP OF EXISTING CONDUIT HEADING SOUTH LEAVING 6 IN. PROTRUDING INTO HANDHOLE.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- INSTALL HANDHOLE.
- SIGNAL LOUVERS (RED, YELLOW AND GREEN INDICATIONS) TO BE INSTALLED BY SHA FORCES.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN IN PROPOSED 3 IN. CONDUIT (IN THRU LANE ONLY).

GENERAL NOTES:

- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.

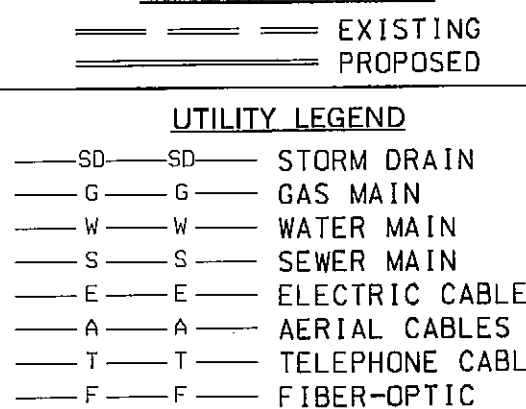
EXISTING SIGNS



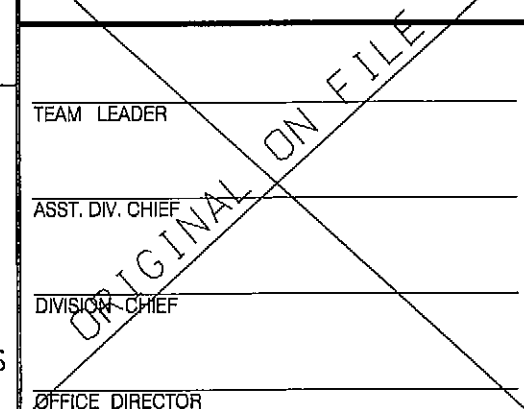
TOD No: XX355-10
SHA No: FR462K53
MD 75; Arlington Mill Road to MD 874

SHA RIGHT-OF-WAY LINE

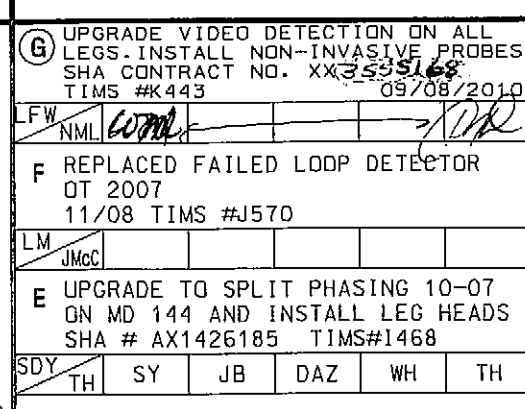
GEOMETRIC LEGEND



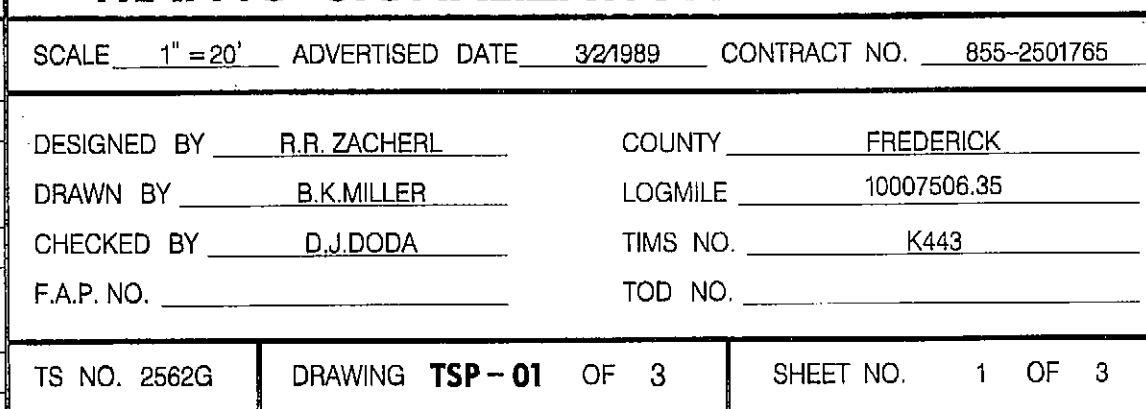
APPROVALS



REVISIONS



TRAFFIC SIGNALIZATION PLAN SHEET



WR&A
WHITMAN, REQUARDT
& ASSOCIATES, LLP
801 South Caroline Street, Baltimore, Maryland 21231

BY: Iwaesche

PLOTTED: 09-08-2010
FILE: n:\31668-083\cadd\p\SG-P001_K443_OldNational.dgn